

Enterprise Architecture Overview

Purpose

The purpose of NETL's Enterprise Architecture (EA) is to meet stakeholders needs through improved organizational performance. EA improves performance through:

- Aligning NETL's information, applications, data and technology with our mission and goals.
- Performing process improvement within the context of NETL's seven Key Process and Information Centers.

"Let's face it: Our anticipation about what technology will do for us is rarely met. It takes a deep-rooted knowledge of business goals and a clear understanding of how people really work to overcome the disconnect between expectations and reality, and to deliver a system that will have a positive impact."

Abbie Lundberg -- Editor-in-Chief of CIO magazine

"Planning activities for your business strategy and information technology have to be absolutely intertwined."

F. Warren McFarland -- Harvard Business School

"The bottom line: Information Management is an integral part of business . . . I strongly believe Information Management is key to organizational success, today and tomorrow . . . With the direction and support of forward thinking DOE Management, Information Management must take a leadership position."

Rita A. Bajura --Director NETL (AIMC 98 Speech)

Vision

Shared information is the foundation of the NETL's activities. We share and communicate information in a way that supports effective decision making at all levels of the organization. Needed information is readily accessible in a usable format, meaningful to the user. Individuals do not hoard information but recognize it as a Center-wide resource.

Benefits

Many benefits result from the adoption of the developed EA. Some important benefits are:

- We clearly base information systems on key NETL processes.
- Support for information flows and key processes are identified and strengthened where appropriate.
- Information redundancies are eliminated.
- Data contained within information systems are consistent and accurate.
- The information structure is based on organizational goals.
- Information system development is more efficient and effective.
- The synthesis of technical and managerial information is more easily performed.
- We can more easily accommodate changing business needs.
- Accountability is improved allowing organizational progress and measurement of results